INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/050548

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E21B43/10 B21D B21D39/08 B21D31/04 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) E21B B21D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 2003/075339 A1 (ECHOLS RALPH HARVEY ET 1 - 19AL) 24 April 2003 (2003-04-24) paragraph '0041! figures 1.4 X US 1 393 620 A (PETER GAVIN) 1-11 11 October 1921 (1921-10-11) the whole document X US 3 583 187 A (KONTRANOWSKI EDWARD S) 1-8 8 June 1971 (1971-06-08) figures 2-6 Α US 3 583 200 A (CVIJANOVIC RATKO ET AL) 9 8 June 1971 (1971-06-08) figures 2,3 -/--Further documents are listed in the continuation of box C. Х Patent family members are listed in annex. Special categories of cited documents: *T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled 'O' document referring to an oral disclosure, use, exhibition or *P* document published prior to the international fiting date but later than the priority date claimed in the art. "&" document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 27 July 2004 04/08/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo ni, Schouten, A Fax: (+31-70) 340-3016

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 21,22

Claims 21 and 22 contain references to the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCI). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority 1s normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

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International Application No PCT/EP2004/050548

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